



Philips
widescreen flat TV with
Digital Crystal Clear

42"

LCD HD Ready

42TA1800



Turn up your viewing experience

with Digital Crystal Clear

Tuned for picture-perfect quality, the Philips 42TA1800 HDTV delivers optimal high definition display and increased picture depth plus virtual surround sound, eye-catching design, smart audio/video presets and even doubles as a PC monitor.

Tuned for optimal picture quality

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized image quality

Crisp and Clear sound

- Virtual Surround Sound for enhanced sound

Stylish design

- Compact and slim design that fits in every room

Designed for your convenience

- Smart Picture and Smart Sound to personalize your viewing
- PC input lets you also use your TV as a PC monitor

For advanced performance

- HDMI input for full digital HD connection in one cable

PHILIPS
sense and simplicity

Highlights

LCD WXGA display, 1366 x 768p

This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready



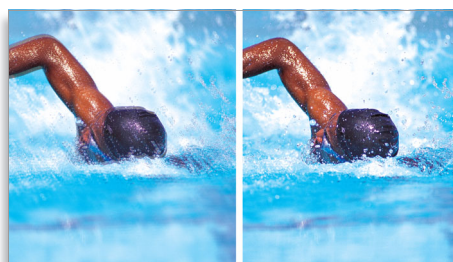
Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal

connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Digital Crystal Clear

Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

Progressive Scan



Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is

created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Smart Picture and Smart Sound

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

HDMI input

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

PC input

With PC input you can connect your TV to a computer and use the TV as a PC monitor.



Specifications

Picture/Display

- Aspect ratio: 16:9
- Brightness: 500 cd/m²
- Contrast ratio (typical): 1200:1
- Response time (typical): 8 ms
- Viewing angle (H / V): 178 / 178 degree
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Blue stretch, Black stretch, White stretch, Green enhancement, Progressive Scan, Smart Picture, Automatic skin tone correction
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution

Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	56, 60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 x 768	60Hz

Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	60Hz
1080i	60Hz

Sound

- Output power (RMS): 2 x 10 W
- Sound Enhancement: Virtual Surround Sound
- Sound System: Mono, Stereo

Loudspeakers

- Loudspeaker types: detachable

Convenience

- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore, Fine Tuning, PLL

Digital Tuning

- Ease of Use: Auto Volume Leveller (AVL), Smart Picture, Smart Sound
- Remote Control: TV
- Remote control type: RC19335016
- Screen Format Adjustments: 4:3, Subtitle Zoom, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Picture in Picture: Picture in graphics
- VESA Mount: F type

Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL D/K
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- Number of Preset Channels: 99

Connectivity

- AV 1: Audio L/R in, CVBS in, S-Video
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, YPbPr
- AV 4: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in
- Other connections: Analog audio Left/Right out, Composite video (CVBS) out, PC Audio in, PC-In VGA, S/PDIF out (coaxial)

Power

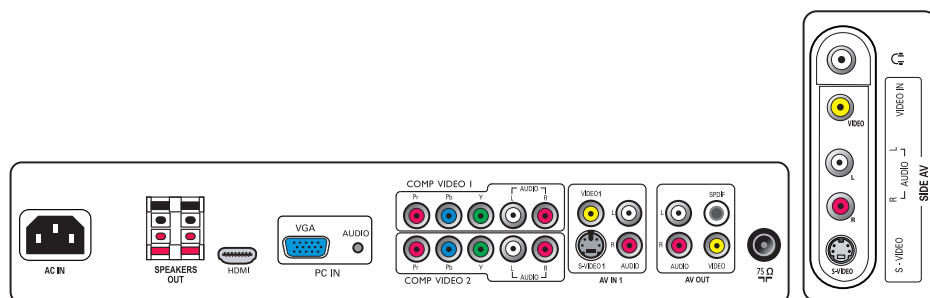
- Ambient temperature: 0 °C to 40 °C
- Mains power: 90-264 VAC, 50/60 Hz
- Power consumption: < 220 W
- Standby power consumption: < 2 W

Accessories

- Included Accessories: Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

Dimensions

- Set dimensions with stand (W x H x D): 1039 x 763 x 296 mm
- Set dimensions with stand in inch (W x H x D): 40.91 x 30.03 x 11.65 inch
- Product weight (+stand): 32 kg
- Product weight (+stand) (lb): 70.5 lb



Issue date 2009-08-06

Version: 3.2.12

12 NC: 8639 000 17107
EAN: 87 10895 97621 3

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